

## Eastside winds fuel new fire growth as weather shifts

This weekend’s update focuses on emerging wildfires that have moved into extended attack. The current large fires continue to work on holding firelines and on mop-up, patrol, fireline repair and transition to new teams or local unit teams.

Initial attack was moderate region-wide, with lightning and human-caused fires becoming active with strong winds. Fires on the east side of the Cascades include at last five fast-moving and emerging incidents, including two in Oregon and at least three in Washington.,

Smoke was generally lighter today with winds and mixing height improving conditions.

Smoke forecast for the weekend -- for Sunday, Sept 9, 1 pm. The following link is a 3-day forecast animation, from Saturday Sept 8 through early Tuesday Sept 11:

<https://tools.airfire.org/websky/v1/run/standard/PNW4km-CMAQ/2018090800>

### Fire Weather and Fire Potential

As the initial edge of the trough moved across the region on Friday evening, it brought light rain to western Washington and northwest Oregon, but also strong winds and lightning strikes east of the Cascades. As the system set in, we saw   regionwide cooling and decrease of wind, which decreased the large fire potential to seasonal normals for much of the region, a pattern that should continue through the week, with the next return of increased fire potential not until next weekend. With humidity above average and temperature below average, fire indices are decreasing from very high to normal for this time of year. Next weekend, the trough of low pressure shows signs of weakening, which could bring a brief period of east winds. Between now and then, there is also the potential for an offshore wind event.

East of the Cascades, fuels remain dry though fire potential will be diminished by the diurnal shift of humidity recovery. But generally, we can expect fine fuels to be going out of the fire equation for the coming week. The southern part of the region, which has seen less impact from the trough, could go into periods of active fire.

#### Helpful Links

- PNW Execs blog: [pnwexecs.blogspot.com](http://pnwexecs.blogspot.com)
- NWCC Blog: <http://nwccinfo.blogspot.com/>
- Oregon Smoke blog: <http://oregonsmoke.blogspot.com/>
- Washington Smoke blog: <http://wasmoke.blogspot.com/>
- 7-Day Fire Potential : <https://gacc.nifc.gov/nwcc/content/products/fwx/guidance/DL.pdf>
- Morning Brief: <https://gacc.nifc.gov/nwcc/content/products/intelligence/MORNINGBRIEF.pdf>
- Helpful Wind Map: <https://www.windy.com/?44.143,-119.773,6i:pressure>

### Fire-related articles

- “USDA approves emergency grazing, cover crops in north-central Oregon.” Capital Press (OR). <http://www.capitalpress.com/Oregon/20180906/usda-approves-emergency-grazing-cover-crops-in-north-central-oregon>
- Tepee Fire southeast of Bend was started by abandoned campfire.” Bend (OR) Bulletin. <https://www.bendbulletin.com/localstate/6506167-151/teepee-fire-se-of-bend-blows-up-to?referrer=home&referrer=top>
- “Wildfire burns at Hanford nuclear reservation.” Tri-City Herald (WA) <https://www.tri-cityherald.com/news/local/article218057675.html>
- “Delta Fire And I-5 Closure Bring Trucking To Near Standstill.” Oregon Public Broadcasting. <https://www.opb.org/news/article/delta-fire-california-oregon-trucks/>.

### Emerging Incidents

Moderate initial attack in the region yesterday afternoon into today. Three new fires ignited in Oregon and 28 in Washington.Of the 31 initial attack fires, six moved into extended attack and four Type 3 incident management teams are being mobilized. These emerging incidents received significant support from aviation and from nearby incidents. These emerging incidents are: